

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/050481

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08F110/02 C08F4/70 C07F15/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08F C07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CAPLUS 'Online!            CHEMICAL ABSTRACTS SERVICE, COLUMBUS,            OHIO, US;            LIU, CHANGKUN ET AL: "Preparation of            post-metallocene macromolecular catalyst            for olefin polymerization"            XP002295458            retrieved from STN            Database accession no. 2002:499550            abstract            &amp; CN 1 306 012 CN (CHANGCHUN INST. OF            APPLIED CHEMISTRY, CHINESE ACADEMY OF            SCIENCES, PEO) 13 July 2004 (2004-07-13)</p> <p style="text-align: center;">-----            -/--</p>	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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\*&\* document member of the same patent family

Date of the actual completion of the international search

8 September 2004

Date of mailing of the international search report

20/09/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CAPLUS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; JIN, GUOXIN ET AL: "Preparation of unsymmetric post-metallocene macromolecular catalysts for olefin polymerization" XP002295459 retrieved from STN Database accession no. 2002:499551 abstract &amp; CN 1 306 013 CN (CHANGCHUN INST. OF APPLIED CHEMISTRY, CHINESE ACADEMY OF SCIENCES, PEO) 27 December 2004 (2004-12-27)</p>	1-10
X	<p>LIU C ET AL: "POLYMER-INCORPORATED IRON CATALYSTS FOR ETHYLENE POLYMERIZATION-A NEW APPROACH TO IMMOBILIZE IRON OLEFIN CATALYSTS ON POLYSTYRENE CHAINS" NEW JOURNAL OF CHEMISTRY, CNRS-GAUTHIER-VILLARS, MONTRouGE, FR, vol. 26, no. 10, 2002, pages 1485-1489, XP008017403 ISSN: 1144-0546 cited in the application table 1</p>	10
A	<p>BENVENUTI F ET AL: "NOVEL POLYMER-SUPPORTED BETA-DIKETONATE NICKEL CATALYSTS FOR ALPHA-OLEFIN ACTIVATION" POLYMERS FOR ADVANCED TECHNOLOGIES, JOHN WILEY AND SONS, CHICHESTER, GB, vol. 9, no. 2, 1 February 1998 (1998-02-01), pages 113-120, XP000733424 ISSN: 1042-7147 page 115</p>	1-10
A	<p>FR 2 066 394 A (METALLGESELLSCHAFT AG) 6 August 1971 (1971-08-06) claim 1</p>	1-10

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
CN 1306012	CN	01-08-2001	NONE
CN 1306013	CN	01-08-2001	NONE
FR 2066394	A	06-08-1971	DE 1953399 A1 06-05-1971
			BE 757985 A1 01-04-1971
			FR 2066394 A5 06-08-1971